

## **IN THE SPECIFICATION**

Please amend Applicant's substitute specification, of record on January 27, 2005, as follows.

*Please replace paragraph [0047] at page 7 with the following amended paragraph:*

[0047] The invention also comprises the use of the method according to the invention for producing ~~hydroxy apatite~~ hydroxyapatite as disclosed in claim 11.

*Please replace paragraph [0049] at page 7 with the following amended paragraph:*

[0049] There is also provided ~~hydroxy apatite~~ hydroxyapatite produced by the method according to the invention and characterised in that it does not contain any allergens and DNA traces, as disclosed in claim 13.

*Please replace paragraph [00125] at page 13 with the following amended paragraph:*

[00125] The invention also comprises the use of the method according to the invention for producing ~~hydroxy apatite~~ hydroxyapatite, as disclosed in claim 38.

*Please replace paragraph [00128] at page 14 with the following amended paragraph:*

[00128] Lastly, there is provided ~~hydroxy apatite~~ hydroxyapatite produced by the method according to the invention and characterised in that it does not contain allergens and DNA traces, as disclosed in claim 41.

*Please replace paragraph [00154] at page 16 with the following amended paragraph:*

[00154] In addition, the method describes the recovery of oils/fat and solids. One of the solids that can be obtained by the method according to the invention is ~~hydroxy apatite~~ hydroxyapatite. ~~Hydroxy apatite~~ Hydroxyapatite is used, for example, in biochromatography and other biological separation processes, in NMR and other detection processes, and is thus a commercially interesting by-product of the process.

*Please replace paragraph [00172] at page 18 with the following amended paragraph:*

[00172] If the hydrolysate contains bones or other solid particles, these are removed preferably by using a screen device 115; 215. The solid particles, stream F1; F2, can be separated into two or more fractions by means of flotation 116; 216. The heavy fraction 117; 217 consists of bones (~~hydroxy apatite~~ hydroxyapatite) that can be dried and/or used prior to pH adjustment, cf. stream H1; H2. The light fractions, stream G1; G2, are primarily proteins that are not hydrolysed.

*Please replace paragraph [00223] at page 25 with the following amended paragraph:*

[0223] 304=Flotation tank for separating proteins and ~~hydroxy apatite~~ hydroxyapatite